P.W (1954) Department.

14/5 SERIES.

G.O. No. 4233

Dated 1-12-1954

Passed.
Kow
Supdt
9
15/12/54

[Despatch Abstract.]

Communications - Bridges - South Kanara district - Investigation for Construction of bridges across Paranga, Mulki and Udiyavar rivers at 14/13/2, 18/4 and 33/5 of Mangalore Udipi road - Estimates for Rs 5,19,0 — Approval of Govt of India - Communicat

56354

GOVERNMENT OF INDIA
MINISTRY OF TRANSPORT: ROADS WING

Telegrams:
"ROADIND".

JAMNAGAR HOUSE,
Shahjehan Road

DEPL. ASST. SECRETARY TO GOVERNMENT
15 JUL 1954
PUBLIC WORKS DEPARTMENT

No.PL-15(1)54

New Delhi-2, the
13 JUL 1954

From

Shri K.Ranganathan,
Under Secretary to the Govt.of India.

To

The Secretary to the Govt.of Madras,
Public Works Department,
Fort St.George, Madras.

Subject: Construction of Bridges across Pavanje, Mulki and Udiyavar rivers between Mangalore and Udipi in South Kanara District.

Sir,

Not put up

I am directed to refer to this Ministry's letter No.PL-15(12)53, dated the 6th May 1954, in which the State Government were informed of the decision of the Government of India to give grants not exceeding a total sum of Rs 138 lakhs towards the cost of certain selected road development schemes, including the construction of bridges across the rivers Pavanje, Mulki and Udiyavar between Mangalore and Udipi in the South Kanara District of the State of Madras. A request for financial assistance for the construction of these bridges was made in the State Government's letter No.17703-A/54-1, dated the 8th March 1954.

Not put up

2. I am to enclose a copy of letter dated the 7th June 1954 from Shri K.S.Holla of Coondapoor, in which he has suggested the desirability of the construction of four major bridges on another alignment from Mangalore to Coondapoor via Gurpur, Bajpe, Sankalkaria, Mundukur, Shirva, Udiavar Udipi, Kallianpur and Brahmavar. The Government of India will be glad to receive the views of the State Government on the proposals of Shri Holla as early as possible.

Yours faithfully,

K.Ranganathan
13/7/54

Under Secretary to the Govt.of India

Encl: Copy of letter.

"N.SINGH"
12/7/54.

P.W.D.(A)
Endt no 56354A/Sec-1 Dated 15.7.54
Referred to the C.E.(H.) for very early remarks.
15.7.54

To
The CE(H)
with copy of 2
MP(-)

3

Copy of letter No.Nil, dated the 7th June, 1954 from Shri K.S.Holla, Coondapoor, South Kanara District, Madras State to the Minister of Railways and Transport, New Delhi.

It is seen from the Papers that the Central Government has given to the Madras State Government a subvention of Rs 38 lakhs to construct four major coastal river bridges in South Kanara District, viz.,(1) Pavanje,(2) Mulky,(3)Udiavar, (4)Sankalkaria near Kundkur. If these bridges are constructed there will be connection only between Mangalore and Udipi for a short distance of only 36 miles.

2. On the other hand, if the same amount is utilised to construct in another line four major coastal bridges, viz., (1) Sankalkaria (2) Udiyavar,(3) Kallianpur,(4)Labukal (near Brahmavar) rivers, there will be direct connection without a river to cross from Mangalore to Coondapoor,via Gurpur, Baipe, Sankalkaria, Kundkur, Shirva, Udiavar, Udipi, Kallianpur and Brahmavar. And the distance from Mangalore to Coondapoor on this line will be only about 69 miles, whereas at present from Mangalore to Coondapoor via Someshwar it is about one hundred miles.

3. Hence, it will be clearly seen that if this line is bridged and developed, it will greatly benefit the people of the interior parts and also greatly stimulate the trade and passenger traffic from Mangalore to Coondapoor.

4. It is also rumoured that a bridge over Maravoor river is a certainty very soon to give a short cut by five miles to the Aerodrome at Baipe and when it is done, the distance from Mangalore to Coondapoor on this line will be further cut by five miles and it will be only 64 miles.

5. A bridge over Pavanje river is only beneficial to go to Mulky from Mangalore. But Mulky is already being reached without a river from Mangalore, via, Gurpur, Baipe and Kinnigoli. Hence a bridge over Pavanje river is not an urgent necessity.

6. Similarly, a bridge over Sankalkaria river will give access to Padubidri, Kaup and Katpadi, via, Mundkur, Belman and Shirva. Hence a bridge for Mulky river is also not an urgent necessity.

7. The Government must realise that in the matter of planning, the maximum benefit must be got to a large number of people and this is an instance where Politics of a handful of people is having a sway over the legitimate necessity of a large number of the Public. Hence, the Government will be pleased to direct that instead of bridging Pavanje, Mulky, Udiavar and Sankalkaria rivers, the programme may at once be reviewed, reversed and redirected to bridge the rivers of Sankalkaria, Udiavar, Kallianpur and Labukal and have an easy connection from Mangalore to Coondapoor via Udipi on this route.

8. It is also a matter for deep consideration by the Government whether it is now desirable to hastily construct bridges over the coastal rivers when there is a proposal to have a Coastal Railway Line from Bombay to Mangalore. In the alignment of this Railway line, it is better combined Road and Railway Bridges are laid over Coastal rivers both for the benefit of Rail and Road Traffic.

"N".SINGH"
10/7/54.

True Copy,
for Section Officer,
MINISTRY OF TRANSPORT
(ROADS WING)

11,52,420—24-12-52.
L.A.

Department

From (~~Name~~) The Executive Officer,
Designation Coondapoor Panchayat.
Station Coondapoor. P.O.
South Kanara.

Received 18058 13 JUL 1954 — Registered

To
The Secretary to Government,
Public Works Department.
MADRAS.

Enclosures: L.Dis. No. 641/54 dated 8/7/1954 .195 .

Through The Additional District Panchayat Officer.South Kanara.

Sir,

Sub: Ferries-In Mangalore and Udipi Taluqs-Bridging of-Representation-Submitted.

****

I am submitting herewith a copy of the Panchayat Board Resolution Number 57/dated 29.6.'54 resolving to address the Government to construct bridges over Mabukal, Bhadragiri-Kallianpur and Udiyawara ferries in Udipi Taluq and Moolky and Pavanji ferries in Mangalore Taluq.

It is understood that there is already a proposal before the Government to bridge the three ferries viz. Pavanji, Moolky and Udiyawara. If the other two bridges are constructed over Kallianpur-Bhadragiri and Mabukal ferries there will be direct connection from Mangalore to Coondapoor and the distance from Mangalore to Coondapoor will be only 60 miles. Whereas now the distance that has to be covered to reach Mangalore from Coondapoor direct without crossing any river via Someshwar will be 91 miles. Hence if all the ferries on Coast Road from Mangalore to Coondapoor Taluq are bridged this will not only give direct excess to Coondapoor Taluqs from Mangalore at a short distance, but will greatly benefit the people of interior parts and also faciliate trade between Mangalore, Udipi and and Coondapoor at cheaper transport charges. Further the bridging of the two ferries viz. Kallianpur-Bhadragiri and Mabukal will give ample scope for development of Coondapoor Taluq, which is the northern most taluq in the District.

The Government may therefore be pleased to consider the proposal of the Panchayat favourably.

Yours faithfully,
EXECUTIVE OFFICER,
COONDAPOOR PANCHAYAT.
SOUTH KANARA.

Forwarded.

PRESIDENT.
PANCHAYAT.
COONDAPOOR.

N. Dis 2224/54A1

submitted to the Secretary to Government P.W.D., Madras with the suggestion of the Inspector of Local Boards Madras. & also the Regional Inspector of Local Boards Coimbatore. for favour of necessary action.

M. Chidambaram 14.7.54
Addl. District Panchayat Officer,
SOUTH KANARA.

Extracts from the proceedings of the meeting of the Coondapoor Panchayat held on 29/6/1954.

The numbers of members present including President 8.

Resolution Number 57.

Letter dated 10.6.54 from Sri K.L.Rao requesting to move the Central and State Governments for construction of four bridges over Sankalkaria, Udiyavar, Kallianpur and Mabukal rivers for the reasons stated by him.

xxxxxxxxxxxxxxx xxxxxxxxxxxxxx xxxxxxxxxxxxx

This Panchayat resolves to address the Central and State Governments to construct bridges over Mabukal, Kallianpur, Udiyavar, Mulki and Pavanji at an early date.

/True Copy/

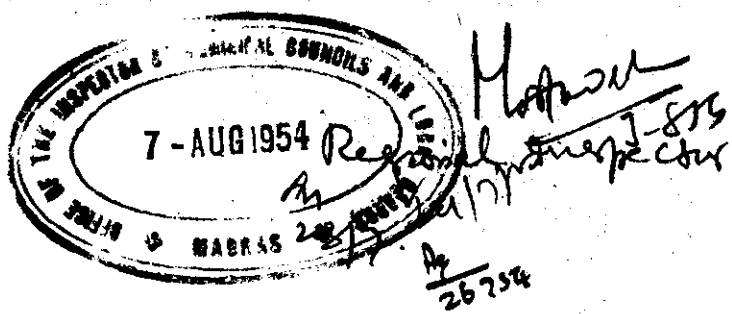
EXECUTIVE OFFICER,
COONDAPOOR PANCHAYAT.
SOUTH KANARA.

KVRAO.

35279

Endt N. Dis 18053/54 dt. 2.54

Submitted to the Inspector of Municipal Councils and Local Boards Madras.



To

The Inspector of Municipal Councils and Local Boards Madras I

Dated: 10

Office of the
Inspector of Municipal
Councils & Local Boards
Madras. 1

Dt 8-5-54

N.Dis 35279/54

Forwarded

for Inspector

To
The Secretary to Government
Public Works Department
Madras

11,82,490—24-12-52.
L.A.

Department

From (Name) The Executive Officer,
Designation Coondapoor Panchayat.
Station Coondapoor. P.O.
South Kanara.

Received 15 JUL 1954 18054 Registered

To The Secretary to Government,
Public Works Department.
Central Government.
NEW-DELHI.

Enclosures: L.Dis. No. 641/54, dated 8/7/1954 195.

Through The Additional District Panchayat Officer.South Kanara.

DISTRICT PANCHAYAT OFFICER SIR. 13 JUL 1954 2224 SOUTH KANARA

Sub: Ferries-In Mangalore and Udipi Taluqs-Bridging of-Representation-Submitted.

****

I am submitting herewith a copy of the Panchayat Board Resolution Number 57/dated 29.6.'54 resolving to addres the Government to construct bridges over Mabu'al, Bhadragiri-Kallianpur and Udiyavara ferries in Udipi Taluq and Moolky and Pavanji ferries in Mangalore Taluq.

It is understood that there is already a proposal before the Government to bridge the three ferries viz. Pavanji, Moolky and Udiyavara. If the other two bridges are constructed over Kallianpur-Bhadragiri and Mabukal ferries there will be direct connection from Mangalore to Coondapoor and the distance from Mangalore to Coondapoor will be only 60 miles. Whereas now the distance that has to be covered to reach Mangalore from Coondapoor direct without crossing any river via Someshwar will be 91 miles. Hence if all the ferries on Coast Road from Mangalore to Coondapoor Taluq are bridged this will not only give direct access to Coondapoor Taluq from Mangalore at a short distance, but greatly benefit the people of interior parts and also facilitate trade between Mangalore, Udipi and and Coondapoor at cheaper transport charges. Further the bridging of the two ferries viz. Kallianpur-Bhadragiri and Mabukal will give ample scope for development of Coondapoor Taluq, which is the northern most taluq in the District.

The Government may therefore be pleased to consider the proposal of the Panchayat favourably.

EXECUTIVE OFFICER,
COONDAPOOR PANCHAYAT.
SOUTH KANARA.

Forwarded.

PRESIDENT.
PANCHAYAT.
COONDAPOOR.

N. Dis 2224/54

submitted to the Secretary to Government P.W.D, central Govt. New Delhi, through the inspector of Local Boards & Regional inspector of Local Boards Coimbatore for favour of necessary action.

Addl. District Panchayat Officer,
SOUTH KANARA.

Extract from the proceedings of the meeting of the Coondapoor Panchayat held on 29/6/1954.

The numbers of members present including President 8.

Resolution Number 57.

Letter dated 10.6.54 from Sri K.L.Rao requesting to move the Central and State Governments for ~~xxxxxxxxxx~~ construction of four bridges over Sankalkaria, Udiyavar, Kallianpur and Mabukal rivers for the reasons stated by him.

xxxxxxxxxxxxxxx xxxxxxxxxxxxxx xxxxxxxxxxxxx

This Panchayat resolves to address the Central and State Governments to construct bridges over Mabukal, Kallianpur, Udiyavar, Mulki and Pavanji at an early date.

/True Copy/

EXECUTIVE OFFICER,
COONDAPOOR PANCHAYAT.
SOUTH KANARA.

10 / 4

Office of the
Inspector of Municipal
Councils & Local Boards
Madras

N. Dis 35279/54

Proceedings submitted to the Secretary
to Govt Public Works Dept Madras

8 - 54

To Inspector

To
The Secretary to Government
Public Works Department
Madras.

10/8/54

P.W.D.(A.2)

Memo No.56354 A/54- 2 dated 6-9-54

Sub:/ Commns.- S.Kanara Dt.- Bridging rivers between Mangalore and Coondapur.

Ref:- From the Ex.Officer, Coondapur Pnachayat Letter No.L.Dis 641/54 dated 8-7-1954.

From the Inspr. of Ml.Cls. and Local Boards N.Dis35279/54 dated 13-8-1954.

A copy of letter from the Ex.Offi Officer, Coondapur Panchayat referred to above is forwarded to the C.E.(H) for early remarks in continuation of this Dept. Endt. 56534 A/54-1 dated 15-77-1954.

6-9-54

CENTRAL LIBRARY BRANCH
Vn.
Pt.
Despatched by Regd. Post. Messenger.
Date 195 . Despatcher's Initials.

To
The C.E.(H) with a copy of pp.5-7 c.f.

Note:- The Coondapur Panchayat has requested that in addition to the three bridges at Mulky, Pavanji and Udaivar sanctioned under the grant- in-aid scheme of the Govt. of India two other bridges at Kalianpur and Mabukal may al be constructed in order to have direct road communication facilities between Mangalore and Coondapur. It may be mentioned here that Sri K.S.Holla of Coondapur has also represented separatel that it would be sufficient to constru four major bridges in order to have easy road communication facilities between Mangalore and Coondapur via Udipi. With reference to the letter of the Govt. of India at p.1 c.f. the C.E.(H)

1/6

has been consulted on the proposals --

Sri Holla and his reply is awaited. ~~The~~

A copy of letter of the Ex.Officer, Coondapur

Gram Panchayat may also be forwarded to

the C.E.(H) for remarks in continuation. The draft

Memo at page 1 ante is for approval.

6.9.54

6.9.54

p. 6

17

67718

HIGHWAYS DEPARTMENT.

From
Sri.K.K Nambiar,B.E.M.I.E.(Ind).
F.Inst.H.E.(Eng)M.I.Mun.E.(Eng).
M.Am.Soc.,C.E.,
Chief Engineer(Highways),
Chepauk,Madras. 5.

To
The Secretary to Government,
Public Works Department,
Fort. St. George,

M A D R A S. 9.

Letter No.66701-J1/53-1 dated 20--8--54.

SECRETARY TO GOVT.
27 AUG 1954
PUBLIC WORKS DEPARTMENT

Sir,

Sub:Communications--Roads--Roads other than National Highways--Execution of certain road works outside five year plan--under special grants-in-aid scheme of Government of India:---

Ref:1.G.O.No.2224 Govt.P.W.D. dated 24th June, 1954.
2.Letter No.PL.15(12)53 dated 6th May 54 from the Government of India,Ministry of Transport,New Delhi.

1/ The Government have approved the execution of the following works namely, Construction of bridges at Mile 13/2,18/4 and 33/5 of Mangalore-Udipi road as items 17,18 and 19 in the list of works approved by the Government of India in their letter cited above.

2/ I forward herewith three estimates for the investigation of above mentioned bridges works for obtaining the Technical approval and financial sanction of the Government of India.

(1) Investigation for the construction of a bridge at Mile 13/2 of Mangalore-Udipi road over Pavanja River. Estimate Rs.1500/-.

(2) Investigation for the construction of a bridge at M 18/4 of Mangalore-Udipi Road over Mulki River. Estimate. Rs.2000/-.

(3) Investigation for the construction of a bridge at Mile 33/5 of Mangalore-Udipi Road over ~~Udayar~~ Udyavar River. Estimate. Rs. 2500/-.

J. 23/8

gs.23.8.

for Chief Engineer (Highways).

23/8/54

CK 24/8/54

Encl:
3 estimates in duplicate.

19 P.W(A2)

Memo No. 56354 A/54-4 Dated 11-9-54

Sub:- Roads - Roads other than N.H - Execution of certain road works outside five year plan under special grant-in-aid scheme.

Ref:- From the CE(H) letter No. 66701-J1/53-1 dated 20/8/54 file 17 cf

The CE(H) is informed (to R.G.O.S) that the question of forwarding the estimates received with the letter cited will be considered after his reply to Memo No. 56354 A/54-2,

D.O

P.Tr. dated 6-9-54 is received & examined.

10.9.54

11-9-54

To THECE(H)

10.9.54

75221 HIGHWAYS DEPARTMENT

21

From

Sri K.K.Nambiar,B.E., M.I.E.,(Ind) F.Inst.H.E.,(Eng) M.I.Mun.E.,(Eng) M. Am. Soc. C.E., Chief Engineer (Highways), Chepauk, Madras.5.

To

The Secretary to Government, Public Works Department, Fort St. George, Madras.

Letter No.31556 J1/54-4 dated 22.9.54.

Sub: Communications - South Kanara Dt. - Bridging of rivers between Mangalore and Coondapur.

Ref: From the Govt. Memo No.56354 A/54-2 P.W.D. dated 6.9.54.

******

The Constructions of bridges over the Pavanje, Mulki and ~~Udiabra~~ Udiyavar rivers have been approved by the Government of India under the special grants-in-aid scheme fo Rs.138 lakhs.

The construction of bridges over Kallianpur and Brahmavar will, no doubt be desirable, but, the cost will be enormous as the rivers are very wide being close to the sea. They will cost Rs.40 to 50 lakhs. However, I shall see if it is possible to provide for these two bridges in the proposals for Rs.3 crores called for recently by the Government.

Not included

E.P. Mahadevan 23.9.54
for CHIEF ENGINEER (HIGHWAYS)

pm.22.9.

HIGHWAYS DEPARTMENT

23

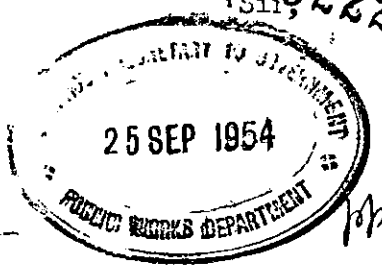
From
Sri K.K.Nambiar,B.E.,M.I.E.,(Ind)
F.Inst.H.E.,(Eng)M.I.Mun.E.,(Eng)
M. Am. Soc. C.E.,
Chief Engineer (Highways)
Chepauk, Madras.5.

To
The Secretary to Governmen.,
Public Works Department,
Fort St. George,
Madras.

Letter No. 31556 J1/54 HR dated 22.9.54.

75222

Sir,



Sub: Roads - Roads other than N.H. execution of certain road works outside five year plan under special grants in aid schemes.

Ref: From the Govt. Memo.No.56354 A/54-4 P.W.D. dated 11.9.54.

*****

My reply to memorandum No.56354 A/54-2 P.W. dated 6.9.54 is being sent separately.

2. The investigation estimates for the 3 bridge works sent to Government with my letter No.66701/J1/53-1 dated 20.8.54 may be forwarded to the Government of India and their technical approval and financial sanction obtained as early as possible, as the investigation work has already been started and is in progress.

T.P. Mahalingam 23.9.54
for CHIEF ENGINEER (HIGHWAYS)

pm.22.9.

22.9.54

HIGHWAYS DEPARTMENT

25

From

Sri K.K.Nambiar,B.E.,M.I.E.,(Ind) **
F.Inst.H.E.,(Eng)M.I.Mun.E.,(Eng) **
M. Am. Soc. C.E., **
Chief Engineer (Highways), **
Chepauk, Madras.5. **

To

The Secretary to Government, **
Public Works Department, **
Port St. George, **
Madras. **

****

75223

Letter No.31556 J1/54-3 dated 22.9.54.

Sub: Construction of bridges across Pavanje, Mulki and Udiavar rivers between Mangalore and Udipi in South Kanara Dt.--

Ref: From the Govt. Endt.No.56354 A/54-1 P.W.D. dated 15.7.54. Plants

****

The construction of bridges over the Pavanje, Mulki and Udiavar rivers have been approved by the Government of India under the special grants-in-aid scheme for Rs.138 lakhs. The estimated cost of these 3 bridges is Rs.38.30 lakhs. When these 3 bridges are constructed, there will be a fully bridged coastal road from Mangalore to Udipi and the distance between these two important towns will be reduced to 36 miles as against the present distance of 56 miles via the interior route.

2. Mr.Holla in his letter under reference wants a shorter route between Mangalore and Coondapore to be developed. Obviously, he is not interested in the short coastal route from Mangalore to Udipi. He suggests an interior route from Mangalore to Udipi and ~~thence~~ the coastal route from Udipi to Coondapure. The construction of bridges on the coastal route from Udipi to Coondapure will no doubt, be desirable but, the cost will be enormous, as the rivers are very wide being close to the sea. The bridges at Kallianpur and Brahamavar will together cost Rs.40 to Rs.50 lakhs. However, I shall see if it is possible to provide for these two bridges in the proposals for Rs.3 crores called for recently by the Government.

Not included

3. As regards paras 7 and 8 of Mr. Holla's letter, I have to state that the views expressed by him are not correct. The coastal road from Mangalore to Udipi is a long felt need and will greatly facilitate the traffic between Mangalore and Udipi on account of the saving of 20 miles distance by the coastal road and in fact it should be a great benefit to the people of Coondapure as well, since the shortest route to Condapore also lies along this route.

Read 23-9-54

V.P. Nanjundaya 23-9-54

for CHIEF ENGINEER (HIGHWAYS)

pm.22.9.

SPECIAL.

P.W.D. (A2)

Letter No. 56354 A/54-5D/18-10-54.

To

The Secy. to the Govt. of India,
Ministry of Transport (Roads Wing)
Jamnagar House, Shahjehan Road,
NEW DELHI.

Sir,

Sub:- Construction of bridges across Pavanje, Mulki and Udiyavar rivers between Mangalore and Udipi in South Kanara District.

Ref:- Sri Ranganathan's letter No. PL.15(1)54, dated 13-7-1954.

I am directed to say that Sri K.S. Holla wants that the amount of Rs 38.30 lakhs now proposed to be spent on the construction of bridges across the Pavanje, Mulki and Udiyavar rivers should be utilised to construct four major bridges in order to provide better communications facilities from Mangalore to Coondapur. He has accordingly suggested the development of an interior route from Mangalore to Udipi and then the coastal route from Udipi to Coondapur. The construction of bridges on the coastal route from Udipi to Coondapur is, no doubt, desirable but the cost will be enormous, as the rivers are very wide being close to the sea. The two bridges at Kallianpur and Brahamavar alone will cost about Rs 40 to 50 lakhs. In view of the huge cost involved, this Govt. do not consider it desirable to develop

Coastal
at present, the route between Udipi and Coondapur as suggested by Sri Holla.

In this connection I am to point out that the coastal road from Mangalore to Udipi is a long felt need and that, when the Pavanje, Mulki and Udiyavar rivers are bridged, this route will greatly facilitate the traffic between Mangalore and Udipi as the distance between these two important places will be reduced considerably. In fact, this route should also be a great benefit to the people of Coondapur, since the shortest route to Coondapur also lies along on this route. The Coondapur Panchayat also wants the Coastal route in this region to be developed.

para 3 p 25 cf

vide ✓ at p 5 cf & p 7 cf

2. I am to forward herewith estimates for the investigation of the bridges across the Pavanje, Mulki and Udiyavar rivers and to request that the technical approval and financial sanction to the estimates may be obtained and communicated to this Government at an early date.

✓ (V)

CENTRAL DESPATCH BRANCH
Despatched by Van. / Post. / Regd. Post. / Messenger.
Date 18/X/1954. Despatcher's Initials.

12.10.54

13.10.54

Y.F.

13.10.54

Encl: Three estimates.

Copy to the C.E. (H).

56354/54

81013

Government of India
MINISTRY OF TRANSPORT: ROADS WING

Telegrams: "ROADIND"

Jamnagar House,
Shahjahan Road.

No. PL-15(1)54 19 OCT 1954 New Delhi-2, the 18 OCT 1954

From

The Under Secretary
to the Government of India.

To

The Secretary to the Government of Madras,
Public Works Department,
Fort St. George, MADRAS.

Subject:- CONSTRUCTION OF BRIDGES ACROSS PAVANJE, MULKI AND UDIYAVAR RIVERS BETWEEN MANGALORE AND UDIPI IN SOUTH KANARA DISTRICT.

Sir,

I am directed to refer to this Ministry's letter No. PL-15(1)54, dated the 13th July 1954, on the above subject, and to request that the State Government reply may kindly be expedited.

Yours faithfully,

(C.V. Narayanan) 19/10/54
for Under Secretary to the Government of India.

Encl:- NIL.

SSS
16.10.54.

Forwarded. P.W(A)S

2 The reply has already been sent - Vide pp 27-28 ante. The reply of Madras may be expedited

19.10.54

19-10-54

20-10-54

31 P.W(A2)

Letter No. 56354-A/54-6 dated 19-11-54

To

The Secy to the Govt of India, Ministry of Transport (Roads Wing), Jamnagar House, Shahjehan Road, New Delhi-2

Sir,

Sub: Construction of Bridges across Paranje, Mulki and Udiyavara rivers between Mangalore and Udipi in S.K. DG.

Ref:- Sri Narayanan's letter No. PL-15(1)54 dt/ 18.10.54

Government of India
MINISTRY OF TRANSPORT: ROADS WING.

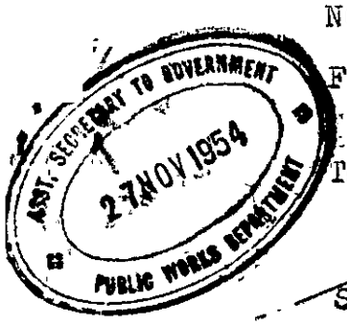
33

TELEGRAMS:
"ROADIND".

JAMNAGAR HOUSE:
SHAHJEHAN ROAD:

NO. RIV-49(1)/54.

New Delhi-2,
26 NOV 1954

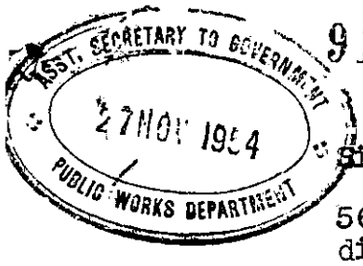


From:

Shri Harbans Singh,
Under Secretary to the Government of India.

To:-

The Secretary to the Govt. of Madras,
Public Works Department, Madras.



91887

Subject:- Surveying and preparing detailed estimate for the construction of bridges at miles 13/2, 18/4, and 33/5 of the Mangalore-Udipi (Job No. E&I/MD/56, Job No. E&I/MD/57, Job No. E&I/MD/58).

Sir,

With reference to para 2 of your letter No. 56354 A/54-5, dated the 18th October 1954, I am directed to say that the Government of India have been advised that it will suffice to take borings at about 100 ft. internals in the case of the Mulki and Pavanja river bridges. The amounts of estimates for these bridges have accordingly been reduced to Rs 1640/- and 1050/- respectively, as shown in the copies returned herewith.

2. I am to convey the technical approval and financial sanction of the President to the three estimates aggregating Rs 5,190/- (Rupees five thousand one hundred and ninety) only, included in the statement attached. No agency charges are payable in respect of these works. The expenditure incurred on each of the works should ultimately be written back to the relevant main project.

3. The Government of India's share of the expenditure on the work is debitable to the sub-head "A-4. Construction of State Roads of economic or inter state importance" subordinate to the major head "81-Capital Account of Civil Works Outside the Revenue Account" for which the Demand number for the current financial year is "136-Capital Outlay on Roads".

4. The works have been assigned Job Nos. E&I/MD/56, E&I/MD/57, and E&I/MD/58. These Job Nos. may kindly be quoted in all future correspondence regarding the work.

5. Upon sanction of the estimate for the work by the competent authority, the usual particulars thereof, viz., title of work, number and date of estimate, designation of the sanctioning authority with number and date of sanction and the amount of the estimate may be intimated to this Ministry for communication to Audit. Copies of the sanctioned estimates for the Mulki and Pavanja river bridges may be furnished to this Ministry at the same time for record.

6.....

35

6. I am to add that arrangements may be made for the submission of monthly progress reports on the work in the prescribed form [M.T. (R.O.) 1] to the Consulting Engineer (Road Development) direct by the Executive Engineer concerned. A completion report on the work may also be furnished to the Government of India in due course.

Yours faithfully,

Harbans Singh

Under Secretary to the Government of India.

Encls. 1. Statement.
2. 2 estimates.

SINGH"
25/11/54

Statement accompanying the Ministry of Transport (Roads Wing) letter No. WIV-49(1)/54, dated 6 NOV 1954

S.No.	Name of work.	Amount of estimate. Rs	Job No.
1.	Surveying and preparing detailed estimate for the construction of a bridge at Mile 13/2 over Pavanja River.	1,050/-	E&I/MD/56
2.	Surveying and preparing detailed estimate for the construction of a bridge at mile 18/4 over Mulki River.	1,640/-	E&I/MD/57
3.	Surveying and preparing detailed estimate for the construction of a bridge at mile 33/5 over Udyavar river.	2,500/-	E&I/MD/58
	Total:	Rs 5,190/-	

"K. SINGH"
25/11/54

F No 56354 A/54

Sub: Communications - Bridges - South Kanara District - Investigation for construction of bridges across Pavanja, Mulki and Udiyavar rivers at M.13/2, 18/4 and 33/5 of Mangalore Udipi road - Estimate for Rs.5,190/- - Approval of Govt. of India - Communicated.

pp 33-35 of

Ref: From the Govt. of India, letter No. WIV-49 (I)/54 dated 26-11-1954.

G.O.Ms.No. 4233 Dated: 1-12-54.

---

para 2 p 33 of

The Government of India have accorded technical approval and financial sanction to the three estimates aggregating Rs.5,190/- (Rupees five thousand one hundred and ninety only) for surveying and preparing detailed estimates for the bridge works specified in the annexure.

para 2 p 33 of

2. The expenditure incurred on each of the works should ultimately be written back to the relevant main project.

para 4 p 33 of

3. The Govt. of India have assigned Job.Nos.E & I/MD/56, E & I/MD/57 and E & I/MD/58 to the three works, which should be quoted in all future correspondance regarding the works.

para 5 p 33 of

4. The C.E. is requested to furnish, upon sanction of the estimates for the three bridges, usual particulars thereof with copies of the sanctioned estimates for the Mulki and Pavanja river bridges for transmission to the Govt. of India. The two estimates received with the lett cited are sent to the C.E.(H) for necessary action.

✓ (A) & (K)

para 6 p 35 of

5. The C.E.(H) is requested to instruct the D.E.(H) concerned to send monthly progress report on the work in the prescribed form to the Consulting

Engineer to the Govt. of India (Road Development) direct.

6. A completion report should be submitted to the Government as soon as the work is completed for ~~being sent~~ sent to the Government of India.

para 6 b35 c.f

To

The C.E.(H) with estimates and copy of pp33-35 c.f

The A.G. thro' Fin. Duplicate copy to Sri A.Balakrishnan, A.G. Madras -do-

(2 s/cs with enclosure.)

Copy of pp 33-35 c.f

CENTRAL DESPATCH BRANCH

Van.
Post.
Post.
Messenger.

No. _____ 195 . Despatcher's Initials.

Annexure.

(H.E. statement as on p. 37 c.f.

(Abstract)

COMMUNICATIONS - Bridges - South Kanara District - Investigatic for construction of bridges across Pavanja, Mulki and Udiyavar rivers at M.13/2, 18/4 and 33/5 of Mangalore Udipi road - Estimates for Rs 5,190/- Approval of Government of India - Communicated.

PUBLIC WORKS DEPARTMENT.

G.O.MS.NO.4233. Dated 1st December 1954.
Read the following:—

From the Government of India. Letter No.WIV.49(I)/54, dated 26-11-1954.

-oOo-

O R D E R:

The Government of India have accorded technical approval and financial sanction to the three estimates aggregating Rs 5,190/- (Rupees five thousand one hundred and ninety only) for surveying and preparing detailed estimates for the bridge works specified in the Annexure.

2. The expenditure incurred on each of the works should ultimately be written back to the relevant main project.

3. The Government of India have assigned Job.Nos.E.&.I/MD/56, E.& I/MD/57 and E & I/MD/58 to the three works, which should be quoted in all future correspondence regarding the works.

4. The Chief Engineer is requested to furnish upon sanction of the estimates for the three bridges, usual particulars thereof with copies of the sanctioned estimates for the Mulki and Pavanja river bridges for transmission to the Government of India. The two estimates received with the letter cited are sent to the Chief Engineer (Highways) for necessary action.

5. The Chief Engineer (Highways) is requested to instruct the Divisional Engineer (Highways) concerned to send monthly progress report on the work in the prescribed form to the Consulting Engineer to the Government of India (Road Development) Direct.

6. A completion report should be submitted to the Government as soon as the work is completed for sending to the Government of India.

(BY ORDER OF THE GOVERNOR)

C.P. KELU ERADY,
Deputy Secretary to Government

To the Chief Engineer (Highways)(with enclosures).
To the Accountant General, through the Finance Department. (with enclosure).
Duplicate copy to Sri A.Balakrishnan, Accountant General, Madras. (with enclosure).

True Copy/Forwarded/By Order

tvr.1/12

SUPERINTENDENT.

ANNEXURE

....2

ANNEXURE

S.No. ↓	Name of work.	Amount of estimate.	Job No.
		Rs.	
1.	Surveying and preparing detailed estimate for the construction of a bridge at Mile 13/2 over Pavanja River.	1,050/-	E&I/MD/56
2.	Surveying and preparing detailed estimate for the construction of a bridge at mile 18/4 over Mulki River.	1,640/-	E&I/MD/57
3.	Surveying and preparing detailed estimate for the construction of a bridge at mile 33/5 over Udyavar River.	2,500/-	E&I/MD/58
	Total ...	5,190/-	

7/11/53

ASST. SECRETARY TO GOVERNMENT
6- DEC 1954
PUBLIC WORKS DEPARTMENT

C. F. 804.—9,193 bks,—28-11-54.

OFFICE OF THE

Date ..... 194 .

34514 Hours ..... Minutes .....

TELEPHONIC MESSAGE.

From	To
The Chief Engineer Highways Kadapa.	A.S. to Govt. P.W.D

T.M.No 44080 J1/54-3 dt 6 12/54.

Sub:- Communications-Bridges - South Kanara Dt - Investigation for construction of bridges - Paravanji ~~Mulk~~ Mulky and Sidiyavara Rivers at 13/2 18/4 and 33/5 of Mangalore Udipi Road. Estimate for Rs. 5190/- approved by Govt. of India.

Ref:- Lr.No.Hs.No 4233 P.W. dated 1-12-54.

Copy at (A)

Please write on both sides

4/6

Please send the approved estimate for the Vidaiyavas bridge work as it has not been received along with the other estimate sent with the q.o. cited above.

6/12

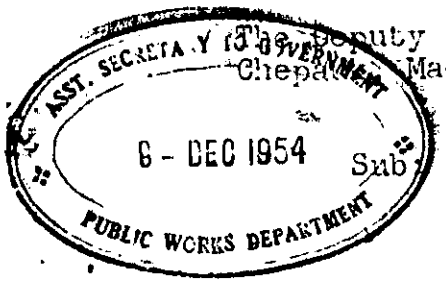
Post copy of T.M.No.44080.J1.54.3 dated 6.12.54 on 8/12-2 and

From 95115

The Deputy Chief Engineer (Highways)
Chepauk, Madras.5.

To

The Assistant Secretary to Government, P.W.D
Madras.9.



Sub: Communications - Bridges - South Kanara District - Investigation for construction of bridges across Pavanji Mulki and Udiyavar rivers at M.13/2 18/4 and 33/5 of Mangalore Udipi road Estimates for Rs 5190 approved by Government of India.

Copy at (A) Ref: G.O.Ms.No.4233.P.W dated 1.12.54

Please send the approved estimate for the Udiyavar bridge work as it has not been received along with the other estimates sent with the G.O cited above.

for DEPUTY CHIEF ENGINEER(HIGHWAYS)

POST COPY IN CONFIRMATION.

AV/6.12.54

~~XII~~ 50 13-12

P.W(A&E).

T.M.No. 56354A/54-8 Dated 10/12/54

From A.S., P.W.D.

To the Dy CE(H)

Sir:- (as on p 3 ante).

Ref:- Your T.M.No 44080-JI/54-3 dated 6-12-54. p 3 ante

T.m received 14/12

The Govt of India did not return the estimate for the Nidiyaram river bridge, presumably because they had approved it without any reduction. p 3/A

9-12-54

10.12.54

9.12.54.

CENTRAL DESPATCH BRANCH

Date 14.12.[illegible] Despatche's Initials.

P. W. D. (A.2.)

Sub: Communications -- Bridges - South Kanara district - Construction of bridges across Pavanji, Mulki and Udayavar riverd between Mangalore and Udipi.

---

p1 cf Ref: From the Govt. of India, letter No.PL-15(1)54, dated 13-7-54.

p5 cf — From the Exe. Officer, Coondapur Panchayat, letter No.641/54, dated 8-7-54.

p10 cf From the Inspector of Municipal Councils and Local Boards, Endt. No.35279/54, d/13-8-54.

p17 cf — From the C.E.(H), letter No. 6670-J1/53-1, dated 20-8-54.

p21 cf From the C.E.(H), letter No.31556-J1/54-4, dated 22-9-54.

p23 cf From the C.E.(H), letter No.31556-J1/HR, dated 22-9-54.

p25 cf From the C.E.(H), letter No.31556-J1/54-3, dated 22-9-54.

The file deals with the suggestion for the construction of bridges across the Sankalkaria, Udiyavar, Kallianpur and Mabukal rivers in lieu of those across the Pavanje, Mulki and Udiyavar rivers.

para 1 p1 cf 2. Under the special grant-in-aid scheme for development of inter-State roads, etc., the Govt. of India have approved the construction of 3 bridges across the Pavanje, Mulki and Udiyavar rivers between Mangalore and Udipi at a total estimated cost of Rs 38.30 lakhs as indicated below:-

	Rs. in lakhs.
(1) Construction of bridge at Mile 13/2 of Mangalore Udipi road over Pavanje river.	11.00
(2) Construction of bridge at Mile 18/4 of Mangalore Udipi road over Mulki river.	11.70
(3) Construction of bridge at Mile 33/5 of Mangalore Udipi road ovdr Udayavar river.	15.60
Total ..	Rs 38.30

(V)

The C.E. has submitted three estimates for the investigation of the abovementioned bridge works and he has requested that they may be forwarded to the Govt. of India for obtaining their early technical approval and financial sanction as the investigation work has already been started and is in progress.

para 2 p23 cf

3. Sri H.S. Holla of Coondapur has stated that, if the amount proposed on the construction of the three bridges referred to in paragraph 2, is utilised to construct bridges along a different route, four major coastal bridges, that is across the Sankalkaria, Udiyavar, Kallianpur and Mabukal rivers, there will be direct connection from Mangalore to Coondapur and the distance between Mangalore and Coondapur will be considerably reduced for traffic. He has also stated that this alternative route when bridged will greatly benefit the people of the interior parts and also greatly stimulate the trade and passenger traffic between Mangalore & Coondapur. He has pointed out that a bridge over the Pavanje river is only beneficial to go to Mulky from Mangalore and that as Mulki is already being reached without crossing a river from Mangalore via Gurpur, Bajpe and Kinnigoli, a bridge over the Pavanje river is not an urgent necessity. He has also pointed out that since a bridge over Sankalkaria river will give access to Podubidri, Kaup and Katpadi viia Mundkur, Belman and Shirva, a bridge over the Mulki river is also not an urgent necessity. He has remarked that the Govt. must realise that in the matter of planning, the maximum benefit must be got to a large number of people and that the present case is an instance where politics of a handful of people is having a sway over the legitimate necessity of a large number of people. He has therefore requested the Govt. to reconsider the matter and to direct the construction of bridge across the rivers of Sankalkaria, Udiyavar, Kallianpur and Mabukal instead of across Pavanje, Mulki and Udiyavar. He has also stated that when there is a proposal to have coastal railway line between Mangalore and Bombay it is not desirable to construct road bridges now over the coastal rivers and that it would be better to construct combined road railway bridges over those rivers for the benefit of Road and Rail traffic. The Govt. of

para 2 p3 cf

para 3 p3 cf

para 5 p3 cf

para 6 p3 cf

para 7 p3 cf

para 8 p3 cf

para 2 p14 of

India have called for the views of this Govt. on the proposals of Sri Holla. The Coondapur Panchayat has

p5-7 of

requested the Govt. to construct bridges at Kallianpur and Mabukal in addition to the three bridges sanctioned by the Govt. of India for execution under the grant-in-aid Scheme in order to have better road communication facilities between Mangalore and Coondapur.

para 2 p25 of

4. The C.E.(H) has stated that Sri Holla has suggested an interior route from Mangalore to Udipi and then the coastal route from Udipi to Coondapur. He has

ibid

pointed out that the construction of bridges at Kallianpur and Brahamavar (e.g. Mabukal) on the coastal portion of the route from Udipi to Coondapur will, no doubt, be desirable but that the cost will be about Rs 40 to 50 lakhs, as the rivers are very wide being close to the sea. He has

para 3 p25 of

also stated that the views expressed by Sri Holla in paragraph 7 and 8 of his letter on p.3 c.f. are not correct, that the coastal road from Mangalore to Udipi is a long felt need, that it will greatly facilitate the traffic between Mangalore and Udipi and that it should be a great benefit to the people of Coondapur as well since the shortest route to Coondapur also lies along this coastal route - Vide the rough Sketch at (Y).

A

5. It may also be pointed out here that for the development of road communication facilities between Mangalore and Coondapur the Coondapur Panchayat has recommended only the improvement of the coastal road from Mangalore to Udipi and not the interior route suggested by Sri Holla. In view of this and of the position set out by the C.E. at 'A' above there is no case to improve the interior route between Mangalore and Udipi in lieu of the Coastal road between the two places. For the development of road communication facilities between Udipi and Coondapur, the C.E.(H) has reported that it is necessary, as suggested by Mr.Holla, to construct

p5-7 of

56354 A/56

2503
14/X

two bridges across the rivers Kallianpur and Brahmavar. The cost of constructing these two bridges is estimated at Rs. 40 to 50 lakhs and the C.E. reported previously that he would consider the possibility of including the works in the supplemental draft programme for the development of road communication facilities in the State under the grant-in-aid scheme of the Govt. of India. He has not however included the two bridges in the draft programme submitted to him. Presumably they are not urgent. In view of this no action is called for on the request for the development of the coastal road between Udipi and Coondapur.

para 2 p254
para 2 p214

The construction of the bridges over the Pavanje, Mulki and Udiyavar rivers on the coastal road between Mangalore and Udipi may be proceeded with subject to the technical approval and financial sanction of the Govt. of India to the detailed estimates. The Govt. of India may be apprised of the views of this Govt. The estimates for Rs 6,000 for investigation of these three bridge works may also be forwarded to the Govt. of India for their approval. A draft letter is submitted.

V (V) 1500 2000 2500 6000

6. The file may be circulated to M (W) for approval of the draft letter.

A 17/10/54
Kuw 18.10.54

A.J. chand 14.10.54
A.J., P.W.D.

C.S. Rao 16/10/54

SECRETARY TO GOVERNMENT 18 OCT 1954 PUBLIC WORKS DEPARTMENT

M(W) 17/10

DEPUTY SECRETARY TO GOVERNMENT 18 OCT 1954 PUBLIC WORKS DEPARTMENT

18/10

pp27-28 c.f.
pp33-35 c.f.

(Issued as Letter No.56354.A/54-5 dated 18-10-1954)
From the Govt. of India letter No.WIV-49(1) 54(dated 26-11-54.)

The letter to the Government of India on pp 27-28 c.f. and their reply at pp 33-35 c.f. may be perused.

2. With reference to paragraph 2 of the Government letter on 27-28 c.f. the Govt. of India have stated that it will suffice to take borings at about 100 ft intervals in the case of the Mulki and Pavanja river bridges. They have accordingly reduced the amounts of estimates for investigation of the bridge over Mulki from Rs 2000 to Rs 1640/- and investigation of bridge over Pavanje from Rs 1500/- to Rs 1050/- respectively. They have accorded technical approval and financial sanction to the three estimates aggregating to Rs 5,190/- as detailed in the statement at page 37 c.f. They have stated that the expenditure incurred on each of the works should ultimately be written back to the relevant main project. They have requested that upon sanction of the estimate for the work by the competent authority, the usual particulars thereof may be intimated to them for communication to Audit, and that copies of sanctioned estimates for the Mulki and Pavanja river bridges may be furnished to them at the same time for record. They have also requested that arrangements may be made for the submission of monthly progress reports on the work in the prescribed form to the Consulting Engineer to the Government of India (Road Development) direct by the Executive Engineer concerned and that a completion report on the work may also be furnished to them in due course.

3. A copy of the letter on pp 33-35 c.f. from the Govt. of India and two estimates received it may be sent to the C.E.(H) for necessary action.

para 1 p33 c.f.
para 2 p33 c.f.
1640
1050
2500
5190
para 5 p33 c.f.
para 6 p35 c.f.
(A) & (K)

6

G.O.

the particulars required by the Government of India. Subject to approval a draft order is submitted.

Finance may see after issue of the draft.

A
30.11.54

M
1.12.54

6
1.12.54

Transmitted

× Issued – pp 39-40 of

Finance (Ais)

Finance (E.B)

The G.O. at pp 39-40 Cf. may be issued.

7.12.54

10.12.54

11/12/54

P.W. (A2)

2
PWD U.O.No.
56354-A/54-7
2/12/54

ADDITIONAL DEPUTY
119051
3-DEC.54
FINANCE DEPARTMENT

The file may now be closed.

M
14.12.54

A
18/12/54

Kgw
13.12.54

Fin. U.O.
119051 EB/54-1
13.12.54

ASST. SEC.
96251
PUBLIC WORKS DEPARTMENT

Plan (1)

N

5 & 6

SUGGESTED BY SRI HOLLA

Route touching 1, 2, 3, 4

ALREADY APPROVED

So 1, 2, 3, 4, 5 & 6

"A, B, C, D, E, F, G, H, J" - Existing all weather route between Mangalore and Coondapur

COONDA PUR

KOTESWARA

HALADI

suggested by Sri Holla

existing route

Already approved

BRAHMAWAR (MABUKAL)

KALYANPUR

UDIPI

UDIYAVAR

SHIRVA

KARKA

BELMANNU

MUNDKURU

MULKI

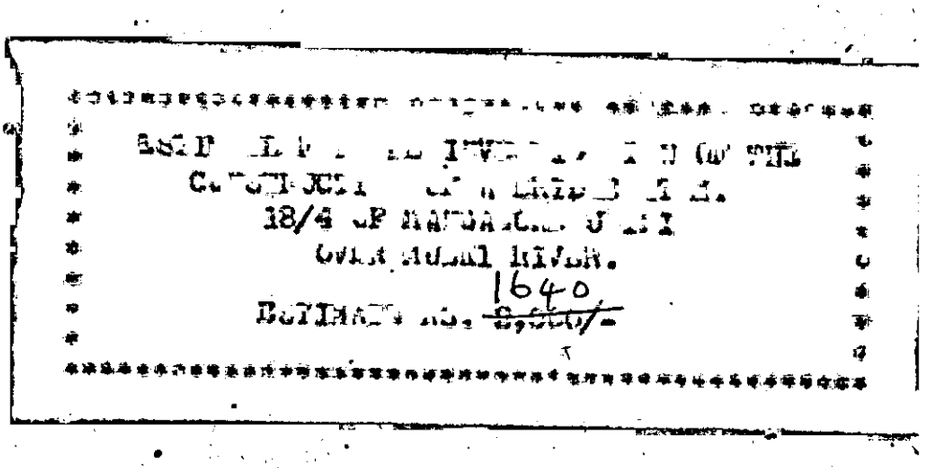
SANKALKARIA

PAVANJE

BAJAPE

MANGALORE

BANTVA



Report to accompany the Estimate of "Investigation for constructing a bridge over Mulky river at Mile 18/4 of Mangalore ~~Byndoor~~ Bairdur Coast road(Mangalore-Udipi road).

****

The proposed bridge is over the Mulky river and lies at Mile 18/4 of Mangalore Byndoor Coast Road.

This estimate includes all the charges necessary for the investigation. 12 bore holes spaced at about 60 feet intervals are proposed to be taken for the determination of sub soil particulars. The boring tools proposed to be used on this work needs certain repairs and parts. The necessary charges for these based on quotations have been provided for. Necessary lump sum provisions have been made in this estimate towards purchase of materials for the derick arrangements,hire charges for boats for surveying and boring operations,petty supervision and contingencies.

K.K.NAMBIAR. 20--8--54.
CHIEF ENGINEER(HIGHWAYS).

(TRUE COPY).

Technical Assistant to
Chief Engineer(Highways).

gs.23.8.

23/8/54

20/8/54

ABSTRACT ESTIMATE.

Name of work: Investigation for constructing a bridge over Mulky river at Mile 18/4 of Mangalore-Baindoor Coast Road.

Item No.	Quantity.	Description of work.	Rate.	Per	Amount.	Total.
1.	2.	3.	4.	5.	6.	7.
1.	30 Nos.	Men mazdoors for surveying & levelling operations.	1-8-0	Each.	45-0-0	
2.	~~720~~ 48 Nos.	Men mazdoors for boring operations,	1-8-0	Each.	~~1080-0-0~~ 720-00	
3.	L.S.	Purchase of posts, bamboos, ropes etc for the derrick arrangements (on actuals).	To be paid as per actuals.		50-0-0	
4.	L.S.	Hire charges for boats for surveying and boring operations.			75-0-0	
5.	L.S.	Repairs to boring set purchase of materials necessary for the boring set.			120-0-0	
(a)	50 Rft.	3" dia. G.I. Pipes.	3-12-0	Rft.	188-0-0	
(b)	2 Nos.	Chain pipe wrenches. 4"	40-0-0	Each.	80-0-0	
(c)	100 Rft. or 56 Lb.	Manila rope.	1-12-0	Lb.	98-0-0	
6.	L.S.	Petty supervision charges (on actuals) boring mechanic and or helper for 3 months.			200-0-0	
7.	L.S.	Contingencies.			64-0-0	
		Modified by Govt of India ← 1640/-			~~2,000-0-0~~	

K.K.NAMBIAR.
CHIEF ENGINEER(HIGHWAYS)

(TRUE COPY).

TECHNICAL ASSISTANT TO
CHIEF ENGINEER(HIGHWAYS).

1/23181 CK 2-8-181

ABSTRACT ESTIMATE.

Name of work: Investigation for constructing a bridge over Mulky river at Mile 18/4 of Mangalore-Baindoor Coast Road.

Item No.	Quantity.	Description of work.	Rate.	Per	Amount.	Total.
1.	2.	3.	4.	5.	6.	7.
1.	30 Nos.	Men mazdoors for surveying & levelling operations.	1-8-0	Each.	45-0-0	
2.	~~720~~ 48 Nos.	Men mazdoors for boring operations,	1-8-0	Each.	~~1080-0-0~~ 720-00	
3.	L.S.	Purchase of posts, bamboos, ropes etc for the derrick arrangements (on actuals).	To be paid as per actuals.		50-0-0	
4.	L.S.	Hire charges for boats for surveying and boring operations.			75-0-0	
5.	L.S.	Repairs to boring set purchase of materials necessary for the boring set.			120-0-0	
(a)	50 Rft.	3" dia. G.I. Pipes.	3-12-0	Rft.	188-0-0	
(b)	2 Nos.	Chain pipe wrenches. 4"	40-0-0	Each.	80-0-0	
(c)	100 Rft. or 56 Lb.	Manila rope.	1-12-0	Lb.	98-0-0	
6.	L.S.	Petty supervision charges (on actuals) boring mechanic and or helper for 3 months.			200-0-0	
7.	L.S.	Contingencies.			64-0-0	
						~~2,000-0-0~~ 1640/-

Modified by Govt of India

K.K.NAMBIAR.
CHIEF ENGINEER(HIGHWAYS)

(TRUE COPY).

TECHNICAL ASSISTANT TO
CHIEF ENGINEER(HIGHWAYS).

C.K
2/8/54

DETAILED ESTIMATE.

Investigation for Constructing a bridge over Huldy river at Mile 18/4 of Mangalore Byndoor Coast Road.

DETAILS OF WORK.	NUMBER.	Measurement in feet. L	B	D	Area or contents.
1.Men mazdoors for surveying and levellin operations.	30				30 Nos.
2.Men mazdoors for borings operations 12 bore holes at 60 men mazdoors each.	480 ~~720~~				480 ~~720~~ Nos.
3.Purchase of posts bamboos ropes etc for the derrick arrangement.					L.S.
4.Hire charges for boats for surveying and boring operations 2 boats for two months.					L.S.
5.Repairs to boring set.					L.S.
6.Purchase of materials necessary for the boring set.					
(a)3" dia.G.I.Pipes.					50 Rft.
(b) Chain pipe wrenches.24"	2				2 Nos.
(c) Manila rope.					100 Rft.
7.Petty supervision charges. Boring mechanic and helper for 3 months.					L.S.
8.Contingencies.					L.S.

A/23/1952

E TI EM TOD TUZ I'V EIG 10" 1' TPT

J LAC-ICW CP A E IDG. AT M.

33/5 CP BATLLCEL ULIPI

LOAD . A. UNAVAI

LIVE.

LITRE 13. 2,500/-

[illegible] TO [illegible] [illegible] [illegible]

ABSTRACT ESTIMATE.

Quantity.	Description of work.	Item NO. in the schedule of rates.	Rate.	Per .	Total. Amount.
L.S.	Transport of boring tools to site. As per actuals.				150-0-0
L.S.	Labour for assisting during surveying work.	As per actuals.			200-0-0
L.S.	Labour for boring operations.			,,	850-0-0
L.S.	Pay of mechanic.			,,	250-0-0
L.S.	Hire charges for boats.			,,	400-0-0
L.S.	Purchase of derick posts, platform materials ropes, etc.			,,	350-0-0
L.S.	Contingencies including petty repairs to T & P.			,,	175-0-0
L.S.	Petty Supervision charges.			,,	125-0-0
					2500-0-0

K.A.BALIGA.20-8-54.
CHIEF ENGINEER(HIGHWAYS).

(TRUE COPY).

Technical Assistant to
Chief Engineer(Highways).

CS.23.8.

DETAILED ESTIMATE.

Name of work: Investigation for Constructing a bridge over Udiavar river in mile 3/6 of Mangalore Kinnikur road.

Details of work.	No.	L.	D	D.	Area.	Total.
1.Transport of boring tools to site(as per actuals).						L.S.
2.Labour for assisting during surveying work.(as per actuals)						L.S.
3.Labour for boring operation.						L.S.
4.Pay of mechanic(-do)						L.S.
5.Hire charges for boats(-do-)						L.S.
6.Purchase of derrick posts, platform materials, ropes etc.						L.S.
7.Contingencies including petty repairs to T & P.						L.S.

A/23/87

ESTIMATE FOR THE INVESTIGATION OF THE CONSTRUCTION OF A BRIDGE AT M. 13/2 OF MANGALORE UDIPI ROAD OVER PAVANJA RIVER.

ESTIMATE RS. ~~1,600/-~~ 1050

Report to accompany the estimate for constructing a bridge at M 13/0 of Mangalore Bainder coast road (Along Mangalore-Udipi Road).

****

The proposed bridge is over the Pavanje river and lies at mile 13/2 of the Mangalore-Bainder road.

The estimate includes all the charges necessary for the investigation of the river crossing. 10 bore holes spaced at about 50 feet intervals are proposed to be taken for the determination of sub soil particulars. The boring tools necessary for the same are proposed to be brought from the Puttur(Highways) sub division Necessary amount has been provided for the transport of the boring tools to site. All other incidental charges such as men mazdoors for boring operations, purchase of derrick posts, platform materials, ropes, etc., boring mechanic and petty repairs to tools and plants have all been provided for. Hire charges for boats necessary for surveying and boring operations have also been included.

K.L.Rao, I.R.S.
Chief Engineer(Highways).

(Exec. Conf.),

Technical Assistant to
Chief Engineer(Highways).

gs.CO.C.

1/23/8/54

CK
24/8/54

Abstract of Estimate.

Name of work: Investigation for constructing a bridge across Pavanje river at mile 13/2 of Mangalore Baindoor coast road(Mangalore Udipi road).

Quantity. 1.	Description of work. 2.	Rate 3.	Per 4.	Amount. 5.
90 miles.	Transport of boring tools by departmental lorry from Puttur to site.L.R.	1-0-0	Mile.	90-0-0
25 Nos.	Men mazdoors for surveying and levelling operations.	1-8-0	each.	38-0-0
~~600~~ 300 Nos.	Men mazdoors for boring operations.	1-8-0	Each.	~~900-0-0~~ 450-0-0
L.S.	Purchase of derrick posts. Platform material,ropes etc.	To be paid On Actuals.		80-0-0
L.S.	Hire for boats for surveying and boring operations.	--do--		100-0-0
L.S.	Petty supervision charges.	--do--		220-0-0
L.S.	Contingencies including petty repairs to T & P.	--do--		72-0-0
				1050. ~~1500-0-0~~

Modified by Govt of India

~~Sanctioned for Rupees one thousand five hundred only.~~

~~Sd.M.S.Sreuti,~~
~~Divisional Engineer(H)~~
~~Mangalore.~~

K.K.NAMBIAR.20--8--54.
CHIEF ENGINEER(HIGHWAYS).

True copy.

Technical Assistant to
Chief Engineer(Highways).

gs.23.8.
1/23/8/54

CK
24/8/54

DETAILED MEASUREMENTS.

Details of work; 1.	No. 2.	Length. 3.	Breadth. 4.	Depth. 5.	Area. 6.	Total 7.
Name of work: Investigation for constructing a bridge across Pavanje river at mile 13/2 of Mangalore Byndoor coast road.						
1.Transport of boring tools by departmental lorry from Puttur to site(31 +14) x 2						90 miles.
2.Men mazdoors for surveying and levelling operations.						25 Nos.
3.Men mazdoors for boring operations ~~10~~ bore holes ~~etc.~~ at 60 men mazdoors each						300 ~~600~~ Nos.
4.Purchase of derrick posts, paltform materials,ropes etc.						L.S.
5.Hire for boats for surveying and boring operations 2 boats for 2 months.						L.S.
6.Petty supervision charges one boring mechanic for 2 months andone helper for one month.						L.S.
7.Contingencies including pet y repairs to tools and plant.						L.S.

T.S.KETHARAMUDALIAR.
DISTRICT CHIEF ENGINEER(HIGHWAYS).

gs23.8.

1/23/8/54